

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Bian et al.

Serial No.: 10/670,534

Filed: 9/25/2003

Title: HIGH RATE BARRIER POLISHING
COMPOSITION

Attorney Docket No.: 03010US

Group Art Unit:

1755

Examiner:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
- ☐ Statement under 37 CFR 1.97(e), or
 - ☐ a \$180.00 fee under 37 CFR 1.17(p), or
- (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
- ☐ Statement under 37 CFR 1.97(e), and
 - ☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
- (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation listing patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

Applicant(s) also submit herewith a copy of the following copending patent application.

US Ser. No. 10/634,964, filed August 5, 2003, entitled "Chemical Mechanical Planarization Compositions for Reducing Erosion in Semiconductor Wafers" and assigned to Rodel Holdings, Inc.

The relevance of the attached listing and included documents is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

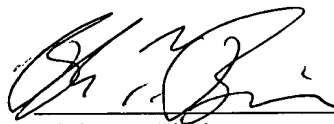
Respectfully submitted,

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or the correspondence is being facsimile transmitted to the USPTO, on the date indicated below.

Date of Deposit: 1/8/2004

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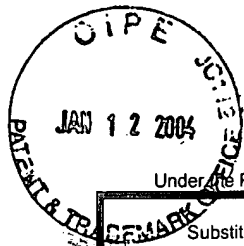
Signature: Barbara A. Wiley



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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/670,534		
		Filing Date	9/25/2003		
		First Named Inventor	Bian et al.		
		Art Unit	1755		
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	03010US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		3,895,956	07-22-1975	Yoshida et al.	
		5,391,258	02-21-1995	Brancaleoni et al.	
		5,676,587	10-14-1997	Landers et al.	
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		6,436,834 B1	08-20-2002	Lee et al.	
		2001/0055880 A1	12-27-2001	Li et al.	
		2002/0016073 A1	02-07-2002	Kondo et al.	
		2002/0019202 A1	02-14-2002	Thomas et al.	
		2002/0022370 A1	02-21-2002	Sun et al.	
		2002/0025605 A1	02-28-2002	Homma et al.	
		2002/0025762 A1	02-28-2002	Luo et al.	
		2002/0197937 A1	12-26-2002	Economikos et al.	
		2003/0131535 A1	07-17-2003	Small et al.	
		2003/0181345 A1	09-25-2003	Bian	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		EP 0 678 571 B1	10-25-1995	Mallinckrodt Baker, Inc.		
		EP 1 072 662 A1	01-31-2001	Eternal Chemical Co., Ltd.		
		EP 1 137 056 A1	09-26-2001	Hitachi Chemical Company, Ltd.; Hitachi, Ltd.		
		EP 1 150 341 A1	10-31-2001	Hitachi Chemical Company, Ltd.; Hitachi, Ltd.		
		EP 1 223 609 A1	07-17-2002	Hitachi Chemical Company, Ltd.		
		GB 679,561	09-17-1952	Poor and Company		
		WO 96/38262 A1	12-05-1996	Rodel, Inc.		
		WO 01/12740 A1	02-22-2001	Cabot Microelectronics Corp.		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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